

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions, and listings, of claims:

1 1. (Original) A method of communicating over a data network, comprising:
2 providing a user interface in a control system for establishing call
3 sessions;
4 communicating, by the control system, one or more control messages over
5 the data network to establish a call session with a remote device in response to receipt of
6 a request through the user interface; and
7 transmitting one or more commands to a voice device connected to the
8 data network and associated with the control system to establish the call session between
9 the voice device and the remote device over the data network.

1 2. (Original) The method of claim 1, wherein the communicated one or more
2 control messages and the transmitted one or more commands are according to different
3 formats.

1 3. (Original) The method of claim 1, wherein transmitting the one or more
2 commands to the voice device includes transmitting one or more commands to a network
3 telephone including a network interface to the data network.

1 4. (Original) The method of claim 1, wherein establishing the call session
2 includes establishing a Real-Time Protocol session over the data network.

1 5. (Original) The method of claim 1, wherein communicating the one or
2 more control messages includes communicating messages according to a protocol
3 defining real-time, interactive call sessions over a packet-switched data network.

1 6. (Original) The method of claim 1, wherein communicating the one or
2 more control messages includes communicating one or more Session Initiation Protocol
3 messages.

1 7. (Original) The method of claim 1, further comprising storing, in the
2 control system, an identifier of the voice device.

1 8. (Original) The method of claim 7, wherein storing the identifier includes
2 storing an Internet Protocol address and a port of the voice device.

1 9. (Original) The method of claim 1, further comprising receiving an
2 indication from the voice device to establish another call session with the remote device.

1 10. (Original) The method of claim 1, further comprising displaying graphical
2 user interface information of the call session on the control system.

1 11. (Original) The method of claim 1, further comprising terminating the call
2 session using either the user interface or the voice device.

1 12. (Original) A method of communicating over a data network, comprising:
2 in a control system, communicating one or more control messages over the
3 data network to establish a call session with a remote device coupled to the data network;
4 transmitting one or more commands to a voice device coupled to the data
5 network
6 establishing the call session between the voice device and the remote
7 device over the data network; and
8 displaying information associated with the call session on the control
9 system.

1 13. (Original) The method of claim 12, wherein displaying the information
2 includes displaying graphical user interface information.

1 14. (Original) The method of claim 12, wherein communicating the one or
2 more control messages includes communicating Session Initiation Protocol messages.

1 15. (Original) The method of claim 12, further comprising providing one or
2 more indicators for call control in the control system.

1 16. (Original) The method of claim 12, further comprising communicating
2 Real-Time Protocol messages between the voice device and the remote device over the
3 data network.

1 17. (Original) The method of claim 12, further comprising identifying, in the
2 control system, an address of the voice device to be controlled by the control system.

1 18. (Original) The method of claim 12, further comprising providing a user
2 interface on a display of the control system, the user interface enabling selection of one or
3 more criteria associated with the voice device.

1 19. (Original) The method of claim 18, wherein the one or more criteria
2 includes selection of the voice device for use in a voice session established by the control
3 system.

1 20. (Original) The method of claim 19, wherein the one or more criteria
2 includes an identifier of the voice device.

1 21. (Original) The method of claim 12, further comprising providing voice
2 processing components in the control system and selecting one of the voice processing
3 components and the voice device to communicate in the established call session.

1 22. (Original) The method of claim 21, further comprising receiving user
2 selections entered in a user interface of the control system to select one of the voice
3 processing components and the voice device.

1 23. (Original) The method of claim 21, further comprising redirecting
2 selection to the other one of the voice processing components and voice device.

1 24. (Original) The method of claim 12, wherein the data network includes a
2 packet-switched data network.

1 25. (Original) A system for controlling a voice device connected to a data
2 network, comprising:
3 a user interface including one or more selectors for call control relating to
4 call sessions;
5 a controller adapted to receive a request from the user interface and to
6 generate one or more messages for communication over the data network to establish a
7 call session with a remote device; and
8 an interface to transmit one or more commands relating to the call session
9 to the voice device to establish a link between the voice device and the remote device
10 over the data network.

1 26. (Original) The system of claim 25, wherein the one or more messages
2 include Session Initiation Protocol messages.

1 27. (Original) The system of claim 26, further comprising a module to process
2 the one or more Session Initiation Protocol messages.

1 28. (Original) The system of claim 25, wherein the interface includes a
2 network interface for coupling to the data network.

1 29. (Original) The system of claim 25, further comprising a storage element
2 including an identifier of the voice device.

1 30. (Original) The system of claim 25, wherein the user interface includes one
2 or more elements to display information relating to the call session.

1 31. (Original) The system of claim 30, wherein the information includes
2 graphical information.

Al Cont. 1 32. (Original) An article including one or more machine-readable storage
2 media containing instructions for controlling voice communications over a data network,
3 the instructions when executed causing a system to:

4 provide a user interface in the system to display information associated
5 with a call session;

6 communicate one or more control messages over the data network with a
7 remote device to establish the call session between a voice device and the remote device;
8 and

9 control the voice device during the call session.

1 33. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to communicate Session
3 Initiation Protocol messages.

1 34. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to display a picture of a callee.

1 35. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to display icons selectable by a
3 user for call control.

1 36. (Original) A data signal embodied in a carrier wave comprising one or
2 more code segments containing instructions for controlling a call session over a data
3 network, the instructions when executed causing a system to:
4 provide a user interface in the system for establishing the call session;
5 communicate one or more control messages over the data network to
6 establish the call session with a remote device in response to a request received through
7 the user interface; and
8 transmit one or more commands to a voice device connected to the data
9 network and associated with the control system to establish the call session between the
10 voice device and the remote device over the data network.

1 37. (New) The method of claim 1, further comprising receiving activation of
2 an element in the user interface to indicate establishment of the call session between the
3 voice device and the remote device.

1 38. (New) The method of claim 13, further comprising receiving activation of
2 one or more selectors in the graphical user interface information for initiating the call
3 session between the voice device and the remote device.

1 39. (New) The system of claim 25, wherein the user interface comprises a
2 graphical user interface, and wherein the controller is adapted to receive activation of one
3 or more selectors in the graphical user interface to establish the call session.